

Work Order ID 166350

166350

Page 1

Monday, September 18, 2017 8:52:20 AM

Item ID: D350-616-013

Accept

N900040100

Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Deck Plate & Tie Down

Start Date: 9/18/2017 Start Qty: 3.00

3

Cust Item ID:

Required Date: 9/26/2017 Req'd Qty: 3.00

3

Customer:

Reference:

Approvals:

Process Plan:

DAS
21
9-89

Date: **SEP 18 2017**

Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

Run Start ***NR1***

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
D350-616	H ✓

SEP 17 2017
SEP

100 Document Control

0.00

100

DC

Memo

0.00

Doc.Control -USB or Paperwork

Photocopy bluefile and create labels per PPP D350-616-013
CHG004

DAS
3 28
9-89

SEP 19 2017

110 Pick Kit

0.00

110

Packaging

Memo

0.00

Packaging

3 **SEP 17 2017**

DAS
27
9-89
DAS
6
9-89

120 QC4- 100% Inspect kits for completeness

0.00

120

QC

Memo

0.09

Quality Control

3 **DAS**
28
9-89

SEP 19 2017

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐																																																											
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval																																																								
Description Work Order Deviation				Disposition				Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval																																																							
Root Cause		FAULT CATEGORY																																																													
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐	Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐	Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐	Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐	Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐	Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐	Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐	Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐	LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐	Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐	Past Expiry Date ☐	Manufacturing Process ☐	OTHER :	
Misidentified ☐	Past Due ☐																																																														

Work Order ID 166350***166350***

Page 2

Monday, September 18, 2017 8:52:20 AM

Item ID: D350-616-013**Accept*****N900040100*****Setup Start*****NS1*****Revision ID:****Stop*****NS2*****Item Name:** Deck Plate & Tie Down**Start Date:** 9/18/2017 **Start Qty:** 3.00***3*****Cust Item ID:****Required Date:** 9/26/2017 **Req'd Qty:** 3.00***3*****Customer:****Reference:****Approvals:****Process Plan:** _____**Date:** _____**Tooling:** _____**Date:** _____**Run Start*****NR1*****QC:** _____**Date:** _____**SPC (Y/N):** _____**Date:** _____**Stop*****NR2*****Sequence ID/
Work Center ID****Operation
Description****Set Up/
Run Hours****Tool ID****Tool #****Plan
Code****Accept
Qty****Reject
Qty****Reject
Number****Insp.
Stamp**

130

Identify as per dwg & Stock Location: Fg029

0.00

130

Packaging

Memo

0.00

Packaging

Identify and pack for shipping as per PPP D350-616-013

Location: _____

PPP Rev: _____

3DAS
28
7-89

SEP 19 2017

140

QC21- Final Inspection - Work Order Release

0.00

140

QC

Memo

0.30

Quality Control

17/9/20 dfWY SEP 19 2017

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By _____ Lead hand / Supervisor Approval Verification _____ QC / QA Coordinator Approval _____		
Description Work Order Deviation				Disposition					
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐		Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐					
OTHER : ☐									

Picklist Print

Monday, September 18, 2017 8:52:25 AM

Page 1

Work Order ID: 166350

166350

Parent Item: D350-616-013

D350-616-013

Parent Item Name: Deck Plate & Tie Down

Start Date: 9/18/2017

Required Date: 9/26/2017

Start Qty: 3.00

Required Qty: 3.00

Comments: IPP A 07.05.22 coss issue EC
IPP Rev:B 08-12-10 rev.E as per dwg DD verified by:ec IPP REV:C
13.05.21 AS PER DWG REV.G DD VERF:JLM IPP REV:D 16.04.19
NOW @ CHG004 DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D2360 *D2360* Litter Tie Down Bracket		Manufactured	No			110	Each	5.0000	1	3	DAS 6 9-89	SEP 17 2017	DAS 27 9-89

Location	Loc Qty	Loc Code
ST224B	3	
156252	3	
ST225	2	
162631	2	

D3179-041 *D3179-041* Litter Tie Down (Non-Locking)		Manufactured	No			110	Each	9.0000	1	3	DAS 6 9-89	SEP 17 2017	DAS 27 9-89
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Location	Loc Qty	Loc Code
ST225	9	
161711	4	
162620	1	
165621	4	

D350-616-015 *D350-616-015* Deck Plate		Manufactured	No			110	Each	6.0000	1	3	DAS 6 9-89	SEP 17 2017	DAS 27 9-89
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Location	Loc Qty	Loc Code
FG027	4	
164903	4	
FG028	2	
161818	2	

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐																																																											
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Misidentified ☐	Past Due ☐																																																														

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Page 1

Setup Start *NS1*

Stop *NS2*

Customer:

Approvals: Process Plan: 21 Date: SEP 18 2017 Tooling: _____ Date: _____
QC: 2-35 Date: _____ SPC (Y/N): _____ Date: _____

Run Start *NR1*
 Stop *NR2*

[illegible]



Department of Transport

Supplemental Type Certificate

This approval is issued to:

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, Ontario
Canada K6A 1K7

Number: SH96-10

Issue No.: 3

Approval Date: February 21, 1996

Issue Date: March 15, 2013

Responsible Office:

Prairie and Northern

Aircraft/Engine Type or Model:

Eurocopter France
AS 350 B/B1/B2/B3/BA/D
AS 355 E/F/F1/F2/N/NP

Canadian Type Certificate or Equivalent:

H-83 (AS 350 Series) & H-87 (AS 355 Series)

Description of Type Design Change:

Emergency Litter Kit Installation

**Installation/Operating Data,
Required Equipment and Limitations:**

Installation of the Emergency Litter Kit must be in accordance with Transport Canada Civil Aviation (TCCA) approved Dart Aerospace Ltd. Installation Instructions IIN-D350-616 revision D, dated March 1, 2013 or later TCCA approved revision.

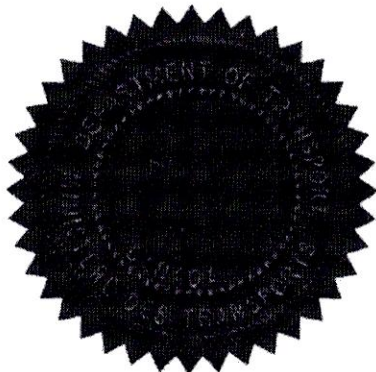
Operation of the Emergency Litter Kit must be in accordance with TCCA approved Dart Aerospace Ltd. Flight Manual Supplement FMS-D350-616 revision B, dated March 1, 2013 or later TCCA approved revision.

Maintenance of the Emergency Litter Kit must be in accordance with TCCA accepted Dart Aerospace Ltd. Instructions for Continued Airworthiness ICA-D350-616 revision 0, dated March 1, 2013 or later TCCA accepted revision.

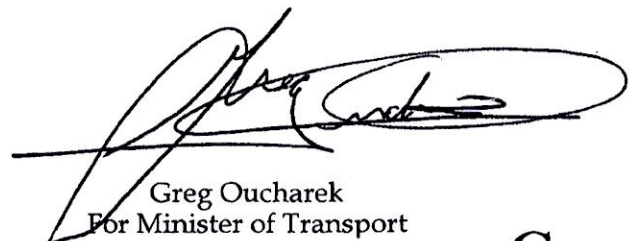
Definition of the Type Design Change: TCCA approved Dart Aerospace Ltd. Master Document List MDL-D350-616 revision A, dated March 12, 2013 or later TCCA approved revision.

Basis of Certification for Affected Areas: FAR 27 including amendments 27-1 through 27-20 and 27.807, 27.1585 and 27.1587 at amendment 27-21.

— End —



Conditions: This approval is only applicable to the type/model of aeronautical product specified therein. Prior to incorporating this modification, the installer shall establish that the interrelationship between this change and any other modification(s) incorporated **will not** adversely affect the airworthiness of the modified product.


Greg Oucharek
For Minister of Transport

Canada



Transport Canada Transports Canada

Department of Transport

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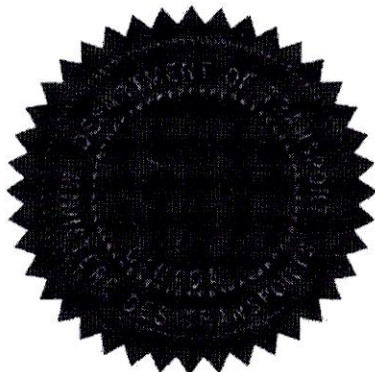
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Maintenance of the Emergency Litter Kit must be in accordance with TCCA accepted Dart Aerospace Ltd. Instructions for Continued Airworthiness ICA-D350-616 revision 0, dated March 1, 2013 or later TCCA accepted revision.

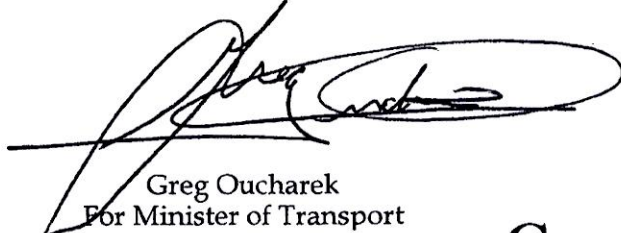
Definition of the Type Design Change: TCCA approved Dart Aerospace Ltd. Master Document List MDL-D350-616 revision A, dated March 12, 2013 or later TCCA approved revision.

Basis of Certification for Affected Areas: FAR 27 including amendments 27-1 through 27-20 and 27.807, 27.1585 and 27.1587 at amendment 27-21.

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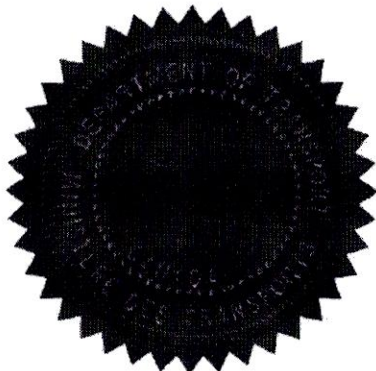
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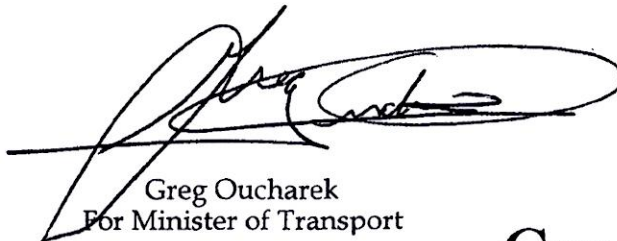
Definition of the Type Design Change: TCCA approved Dart Aerospace Ltd. Master Document List MDL-D350-616 revision A, dated March 12, 2013 or later TCCA approved revision.

Basis of Certification for Affected Areas: FAR 27 including amendments 27-1 through 27-20 and 27.807, 27.1585 and 27.1587 at amendment 27-21.

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